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## ADVANCE MONTHLY RETAIL SALES JULY 2000

The Census Bureau of the Department of Commerce announced today that advance estimates of U.S. retail sales for July, adjusted for seasonal, holiday, and trading-day differences, but not for price changes, were \$270.6 billion, an increase of 0.7 percent (±0.7%) from the previous month and up 8.1 percent (±0.9%) from July 1999. Total sales for the May through July period were up 8.2 percent (±0.7%) from the same period a year ago. The May to June 2000 percent change was revised from +0.5 percent (±0.7%) to +0.4 percent (±0.3%).

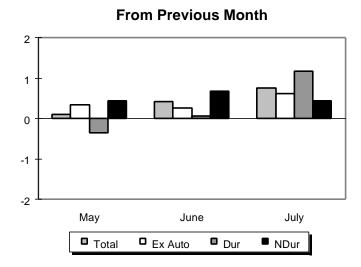
Durable goods increased 1.2 percent (±1.4%) from June and were 6.3 percent above last year. Furniture sales were up 8.2 percent from July a year ago, while automotive sales were up 6.2 percent from last year.

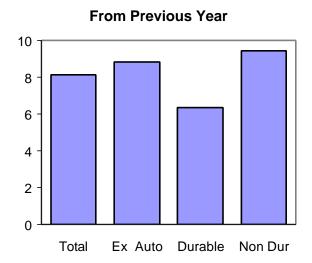
Nondurable goods increased 0.4 percent (±0.6%) from June and were up 9.4 percent from July 1999. Gasoline sales were up 20.4 percent from July a year ago, while drug store sales were up 10.0 percent from last year.

The advance estimates are based on a small subsample of the Bureau's full retail sales sample. Estimates from the advance and the subsequent full survey can differ because of the earlier reporting in the advance and because of sampling variability present in both surveys.

## **Percent Change in Retail Sales**

(Data adjusted for seasonal, holiday, and trading-day differences, but not for price changes)





The Advance Monthly Retail Sales Report for August is scheduled to be released September 14, 2000 at 8:30 a.m.

Address inquiries concerning this report to Scott Scheleur, Service Sector Statistics Division, U.S. Census Bureau, Washington, DC 20233. Telephone: 301-457-2713 or 301-457-2666.

This report is available the day of issue through the Department of Commerce's online Economic Bulletin Board. For information call 202-482-1986. The data are also available on the Internet - http://www.census.gov/svsd/www/advtable.html.

Table 1. Estimated Monthly Retail Sales, By Kind of Business

(In Millions of Dollars and Annual Percent Change)

(III IVIIII)	ons of Donars and Annual Fercent Change)	Not adjusted							Adjusted <sup>1</sup>				
SIC	Kind of business	7 month total 2000		1999		2000		1999					
code		2000	Change from 1999	July² (a)	June (p)	May (r)	July	June	July² (a)	June (p)	May (r)	July (r)	June (r)
	Retail trade, total	1,830,801	9.6	267,182	276,269	279,257	254,576	252,350	270,552	268,551	267,417	250,237	247,995
	Total (excl. auto dealers)	1,349,807	9.5	199,072	202,757	205,889	187,572	184,468	203,074	201,819	201,283	186,673	185,669
	Durable goods, total	778,143	9.1	111,587	118,813	120,656	109,354	110,776	112,194	110,887	110,805	105,509	104,059
52 521,3 525	Building mat., hardware, garden supply, and mobile home dealers. Building mat. and supply stores Hardware stores	108,931 (*) (*)	4.4 (*) (*)	16,570 (*) (*)	17,722 13,693 1,484	19,189 14,477 1,531	16,555 12,800 1,406	17,225 12,935 1,468	15,500 (*) (*)	15,295 12,075 1,309	15,546 12,289 1,314	14,955 11,480 1,302	11,407
55 ex. 554	Automotive dealers	480,994	9.9	68,110	73,512	73,368	67,004	67,882	67,478	66,732	66,134	63,564	62,326
551,2,5, 6,7,9 551 553	Motor vehicle and miscellaneous automotive dealers	456,719 (*) (*)	10.1 (*) (*)	64,392 (*) (*)	69,764 58,814 3,748	69,632 58,838 3,736	63,391 53,950 3,613	64,339 54,449 3,543	63,944 (*) (*)	63,249 (NA) 3,483	62,619 (NA) 3,515	60,258 (NA) 3,306	(NA)
57 571 5722,31,4	Furniture, home furnishings, and equipment stores Furniture and home furnishings Household appliance, radio, TV	95,442 (*)	10.0 (*)	13,768 (*)	13,632 6,809	13,883 6,970	13,107 6,374	12,759 6,280	14,585 (*)	14,392 6,976	14,530 7,040	,	
5722	and computer stores Household appliance stores	(*) (*)	(*) (*)	(*) (*)	5,875 1,101	5,916 1,071	5,796 1,131	5,553 1,042	(*) (*)	6,351 (NA)	6,396 (NA)	6,031 (NA)	5,984 (NA)
	Nondurable goods, total	1,052,658	9.9	155,595	157,456	158,601	145,222	141,574	158,358	157,664	156,612	144,728	143,936
53 531 531 533 539	General merchandise group stores. Dept. stores (ex. leased depts). Dept. stores (in. leased depts) <sup>3</sup> Variety stores Misc. general mdse. stores	212,699 164,512 (*) (*) (*)	7.9 7.0 (*) (*) (*)	31,539 24,223 (*) (*) (*)	32,450 24,946 25,413 1,275 6,229	33,216 25,779 26,274 1,309 6,128	29,432 22,811 23,250 1,115 5,506	23,253	34,121 26,444 (*) (*) (*)	33,582 26,121 26,483 1,324 6,137	33,591 26,145 26,607 1,336 6,110	31,469 24,634 25,162 1,176 5,659	24,711 25,181 1,201
54 541	Food storesGrocery stores	276,755 262,385	6.0 5.9	41,607 39,441	40,880 38,744	41,076 38,922	39,982 38,040	37,714 35,766	40,452 38,255	40,417 38,285	40,138 38,010	37,991 36,057	37,728 35,766
554	Gasoline service stations	124,266	24.7	19,230	19,602	18,619	16,325	15,289	18,227	18,251	17,766	15,144	14,519
56 561	Apparel and accessory stores  Men's and boy's clothing	73,682		10,792	11,160	11,583	10,783	10,584	11,654	11,668	11,803	,	,
562,3	and furnishings stores Women's clothing, accessory	(*)		(*)	892	913	830	903	(*)	906	939	927	948
565 566	stores Family clothing stores Shoe stores	(*) (*) (*)	(*) (*) (*)	(*) (*) (*)	3,195 4,357 1,794	3,443 4,407 1,872	2,849 4,359 1,838	2,985 4,076 1,814	(*) (*) (*)	3,234 (NA) 1,771	3,264 (NA) 1,798	3,050 (NA) 1,800	(NA)
58	Eating and drinking places	177,474	8.4	26,739	26,370	26,319	25,307	24,257	25,612	25,405	25,331	23,785	23,712
591	Drug and proprietary stores	74,153	8.7	10,612	10,785	11,172	9,820	9,914	11,043	10,883	10,868	10,041	10,085
592	Liquor stores	(*)	(*)	(*)	2,557	2,501	2,485	2,274	(*)	2,519	2,491	2,320	2,299
5961	Total mail order	(*)	(*)	(*)	8,379	8,260	6,588	6,824	(*)	9,049	8,787	7,461	7,450
53,56,57, 594	GAF <sup>4</sup>	(*)	(*)	(*)	65,850	67,460	61,124	61,346	(*)	69,019	69,373	64,947	65,026

<sup>\*</sup> Advance estimates are not available from the subsample panel for these kinds of business.

NA Not available.

(a) Advance estimates.

(p) Preliminary.

(r) Revised.

- (1) Data are concurrently adjusted for seasonal variations, holiday, and trading-day differences, but not for price changes. Concurrent seasonal adjustment uses all available unadjusted estimates as input to the X-12-ARIMA program and the factors derived from the program are used in calculating all seasonally adjusted data shown in this publication. Factors and explanatory material are contained in the Monthly Retail Trade Report, BR-00-06.
- (2) Advance estimates are based on early reporting by a small subsample of the full survey panel. All other estimates are based on the full sample.
- (3) Includes data for leased departments operated within department stores. Data for this line not included in broader kind-of-business totals.
- (4) GAF represents stores which specialize in department store types of merchandise (general merchandise, apparel, furniture, and miscellaneous shopping goods stores).

Note: Totals include data for kinds of business not shown separately.

Table 2. Percent Change in Estimated Monthly Retail Sales, by Kind of Business

(Adjusted for seasonal variations, holiday, and trading-day differences, but not for price changes)

	·	Percent change <sup>1</sup>								
SIC	Kind of business	_	) Advance m		Preliminary m	May 2000 through July 2000 from				
code		Jun. 2000 (p)	Jul. 1999 (r)	May 2000 (r)	Jun. 1999 (r)	Feb. 2000 through Apr. 2000	May 1999 through Jul. 1999			
	Retail trade, total	0.7	8.1	0.4	8.3	0.5	8.2			
	Total (excl. auto dealers)	0.6	8.8	0.3	8.7	0.9	8.7			
	Durable goods, total	1.2	6.3	0.1	6.6	-0.9	6.5			
52 55 ex. 554 551,2,5,6, 7,9 57	Building mat., hardware, garden supply, and mobile home dealers	1.3 1.1 1.1 1.3 <b>0.4</b>	3.6 6.2 6.1 8.2 <b>9.4</b>	-1.6 0.9 1.0 -0.9 <b>0.7</b>	3.1 7.1 7.2 7.1 <b>9.5</b>	-1.1 -0.9 -1.0 -0.1 <b>1.5</b>	3.6 6.5 6.5 8.2 <b>9.4</b>			
53 531 531 54 541	General merchandise group stores  Dept. stores (ex. leased dept.)  Dept. stores (in. leased dept.)²  Food stores  Grocery stores	1.6 1.2 (NA) 0.1 -0.1	8.4 7.3 (NA) 6.5 6.1	0.0 -0.1 -0.5 0.7 0.7	6.6 5.7 5.2 7.1 7.0	1.8 1.7 (NA) 1.6 1.5	7.8 7.0 (NA) 6.4 6.2			
554 56 58 591	Gasoline service stations  Apparel and accessory stores  Eating and drinking places  Drug and proprietary stores	-0.1 -0.1 0.8 1.5	20.4 3.7 7.7 10.0	2.7 -1.1 0.3 0.1	25.7 2.8 7.1 7.9	0.8 -0.5 0.7 3.4	22.4 3.4 7.3 9.1			

NA Not available.

<sup>(</sup>p) Preliminary.

<sup>(</sup>r) Revised.

<sup>(1)</sup> Percent change rounded to nearest tenth.

<sup>(2)</sup> Includes data for leased departments operated within department stores. Data for this line not included in broader kind-of-business totals.

U.S. Department of Commerce U.S. Census Bureau Washington, D.C. 20233

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## Reliability of Data

The Advance estimates are based on a small subsample of the Bureau's full retail sales sample. Estimates from the Advance and the subsequent full survey can differ because of the earlier reporting in the Advance and because of sampling variability present in each survey. The margin of sampling error, as used on page 1, gives a range about the estimate which is a 90% confidence interval. If, for example, the trend estimate is +1.2% and the standard error is 0.9%, then the margin of sampling error is  $\pm 1.65 \times 0.9\%$  or  $\pm 1.5\%$ , and the 90% confidence interval is -0.3% to +2.7%. If the interval contains 0, it is uncertain whether there was an increase or decrease. For monthly level, the coefficient of variation (CV) is given. The resulting confidence interval is the estimated value  $\pm$  1.65  $\times$  CV  $\times$  (the estimated value).

Estimates of sampling variability are given in Table 3. They are based on two components. The first component is a measure of the average difference

between the Advance and the Preliminary estimates. The second reflects the variability of the Preliminary estimate. Additionally, both the Advance and the full survey are subject to nonsampling errors. Such errors can occur because of nonresponse, insufficient coverage of the universe of retail businesses, and response errors, among others. Precautionary steps are taken to minimize these errors, but their magnitude is not directly measured.

Preliminary estimates for the current month and final estimates for the previous month based on the full sample are published next month in the Monthly Retail Trade Report. This report will provide sales estimates in greater detail and additional measures of sampling variability. It will also present a description of revisions and the techniques used in developing the estimates, and an explanation of confidence intervals and sampling variability (Appendix B, Reliability of Data).

Table 3. Measures of Variability of and Revision to Advance Estimates for Level and Trend

		Level of sales: Estimated		nd (percent cha ted standard e	Revision for month- to-month change <sup>2</sup>		
SIC code	Kind of Business	CV <sup>1</sup> for Current Mo. (x 100)	Current Mo. to Previous Mo.	Current Qtr. to Previous Qtr.	Current Mo. to Current Mo. Last Yr.	Average revision	Median absolute revision
	Retail trade, total	1.0	0.4	0.3	0.6	0.2	0.3
	Total (excl. auto dealers)	1.0	0.6	0.3	0.7	0.2	0.3
	Durable goods, total	1.4	0.9	0.6	1.1	0.3	0.6
52	Building materials group stores	3.5	1.9	1.1	2.7	0.0	1.4
55 ex. 554	Automotive dealers	1.6	1.2	8.0	1.5	0.3	0.6
551,2,5,6,7,9	Motor vehicle and misc. automotive dealers	1.8	1.3	0.9	1.6	0.4	0.7
57	Furniture, home furn, and equipment stores	2.0	1.4	0.7	1.8	0.5	0.8
	Nondurable goods, total	_	0.4	0.2	0.5	0.3	0.3
53	General merch. group, total	0.6	0.6	0.2	0.6	0.0	0.2
531	Dept. stores (ex. leased depts.)	0.4	0.5	0.1	0.4	0.0	0.2
54	Food stores	1.2	0.2	0.3	0.6	0.0	0.5
541	Grocery stores	1.2	0.2	0.3	0.6	0.0	0.6
554	Gasoline service stations	2.2	1.2	1.4	1.4	0.5	1.2
56	Apparel and accessory stores	1.9	1.5	0.6	1.6	-0.1	0.6
58	Eating and drinking places	5.1	1.0	0.9	2.2	0.4	0.5
591	Drug and proprietary stores	1.7	0.8	0.4	1.2	0.1	0.6



<sup>(1)</sup> The coefficients of variation (CVs) for level of sales and the standard errors for trends are medians based on estimates for the preceding 12 months.

<sup>(2)</sup> These columns measure the difference between the Advance/Preliminary ratio and the Preliminary/Final ratio estimates -- i.e., the difference between estimates of trend for the same pair of data months. The revisions are based on the latest 12 months of data.